

The Effects of Incubation Temperature on Radiation
Damage in Paramecium, by I. B. Litvinova, 3 pp.

RUSSIA, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1957
pp 448-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1.

Sci - Phys

97,122

Electrophoretic Properties of Some Protein Components of Blood Coagulation, by B. A. Kudryashov, G. V. Andreyenko, G. V. Kukushkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1979, pp 452-455.

Amer Inst of Biol Sci

Sci - Biol

Sep 79

96,044

The Influence on Penicillamine on the Decarboxy-
lation of Amino Acids, by Bacterial Preparations,
by S. R. Mardashev, L. A. Semina, 3 pp.

RUSSIAN, pgr, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 456-458.

Amer Inst of Biol Sci

Sci + Biol

Sep 59

96,043

The Participation of Alanine in Biosynthetic Processes in Plants, by E. A. Shilov, A. A. Yasnikov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
pp 159-.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

96,045

Some Data on Invertase Activity of Isolated Alfalfa
Roots, by M. S. Bardinakaya, A. M. Smirnov, V. I.
Safonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 462-465.

AIBS

Sci - Biol

Oct 59

99,319

The Effect of Environmental Conditions on Respiration Intensity of Cuttings Treated by Heteroauxin, by V. F. Verzilov, L. V. Runkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 466-468.

AIB3

Sci - Biol

Oct 59

99,321

Effect of Spectral Composition and Intensity of
Radiation on Metabolism and Yield, by N. P.
Voskresenskaya, G. S. Grishina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 469-472.

AIBS

Sci - Biol

Oct 59

99,320

Volatile Secretions of Flowers and Changes in Sex
Characteristics of Corn, by G. V. Porutskiy, S. V.
Cherednichenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 473-.

ATIS

Sci - Biol

Oct 59

99,322

The Influence of Cortisone and the Adrenocortico-
tropic Hormone on Reparative Processes in the Skin
of Young Dogs, by A. I. Bukhonova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 477-480.

AIBS

Sci - Biol
Oct 59

100,140

The Reaction of the Thymus to the Hormonal Principle
of the Adrenal Cortex, by A. A. Voitkevich, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 481-484.

AIBS

Sci - Biol
Oct 59

100,142

A Study of the Regeneration of Striated Muscle
Tissue by the Electron Microscope, by V. P. Gilev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 485-488.

AIBS

Sci - Biol
Oct 59

100,141

Age Correlations in the Development of the Lateral
Line Organs in Larvae of the Aral Sturgeon *Acipenser*
Nudiventris Kov. N. I. Dragomirov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 489-492.

AIDS

Sci - Biol
Oct 59

109,138

Development of the Thyroid in the Human Embryo, by
N. V. Popova-Iatkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 493--.

ATBS

Sci - Biol
Oct 59

100,137

Relationship Between Total and Partial Best
Approximations for Functions of Many Variables,

by M. F. Timan

RUSSIAN, per, Doklady AN. SSSR, Vol 124, No 3,
1959, pp 527-528.

MLL Ref: 9022.09 (4639)

CEGB Digest

D.F. TRANS 4639

Sci-Math

July 68

360,901

Convergence of Difference Schemes in the Class of
Discontinuous Coefficients, by A. M. Tikhonov,
A. A. Samarskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, 1959,
pp 529-532. 9201247

ABC UCRL Tr 878(L)

Sci - Phys

Jan 63

214 x 17

On the Motion of a Gyroscope with Universal (Cardan's)
Suspension and a Horizontally Placed Rotor, by D. N.
Klimov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959
pp 537-539.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,078

On the Effect of Irradiation on Stresses and
Small Deformations in Solids, by Yu. I. Remnev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIV, No. 3,
pp 540-542. 1959

Amer Inst of Phys
Sov Phys - Doklady
Vol. IV, No 1

Sci - Phys

97,079

Steady Flow of a Viscous Fluid, by I. I. Vorovich,
V. I. Yudovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959
pp 542-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,069

On Relations Defining Plastic Flow Under Tresk's
Condition of Elasticity and Its Generalizations,
by D. D. Ivlev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIV, No 3, 1969
pp 546-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV. No 1

Sci - Phys

97,114

Stationary Motion of Viscous Incompressible Fluids
in Pipes, by O. A. Ladyzhenskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959
pp 551-.

Amer Inst of Phys
Sov Phys .. Doklady
Vol IV, No 1

Sci - Phys

97,074

Anisotropy of Thermal Conductivity in a Monocrystal
of Tellurium, by Kh. I. Amirkhanov, G. B. Bagdasaryan,
M. A. Kazhlayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959
pp 554-556.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,089

Basic Characteristics of the de Haas-van Alphen
Effect in Zinc Crystals as a Function of Pressure,
by B. I. Verkin, I. M. Daitrenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959
pp 557-558.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,090

Diffraction of Surface Sound Waves at Semi-
Infinite Impedance Tubes and Rods, by Kuan Ting-hua,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1957
pp 559-562.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,091

Increase of the Stability of an Arc in a Magnetic
Field and the Maximum Field Principle, by I. G.
Kasayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1954
pp 563--.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,092

The Chromatic Flickering of Stars, by V. I.
Tatarskiy, L. N. Zhukova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 567- .

AGI

Sci

Jun 61

153, 370

Crystals of Quartz in Coals, by I. E. Leskevich,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959
pp 575-577.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,063

The Crystal Structure of Sklodowskite, by V. I.
Mokeyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3, 1959
pp 578-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,864

An Oxidation Method for the Separation of
Sulfides From the Intermediate Fractions of
Crude Oil, by E. N. Karaulova, G. D. Gal'pern.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3:
1959, pp 583-585.

ATS RJ-1932

Sci - Chem
Dec 59

CB
HOF - H-104,100

Structural Reactivity of Diene Condensations of 1,3 and
2-Allylbutadienes With Unsymmetrical Dienophiles, by
L. M. Nazarov, Yu. A. Titov, A. I. Kurnosova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CCIV, No 3,
1959, pp. 586-589.

Consultants Bureau

Sci.

119,455

Jan 60

An Interesting Case of Isomerization under the
Reduced Aliphatic Nitro Compound, by S. S. Novikov,
A. A. Fainel'berg, S. A. Shevlev, I. S. Konekova,
K. K. Bavlinsky, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. CXXIV, No 3,
1959, pp 589-591.

Enk

Consultants Bureau

118,457

Sci

Jan 60

Synthesis of Derivatives of Cyclic β -Diketones,
by V. V. Perekalin, K. S. Parfenova, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 3, 1959, pp 592-594.

Consultants Bureau

Sci

119,456

Jun 60

Preparation of Crystalline Triphenyl-2-Pyridyl-1,3,5-
and Triphenyl-2,4-Pyridinediols and a Study of Their
Properties, by E. I. Shayakova, E. A. Bolshakova,
A. I. Moroz, M. K. Al'tshuler, 4 pp.

RUSSIAN, part, Dokl Ak Nauk SSSR, Vol CXXIV,
No 3, 1959, pp 595-597.

Consultants Bureau

Sci

Jun 60

Selective Hydrogenation of the Acetylenic Bond in
2-Butyne-1,4-Diol to an Ethylenic Bond Over Nickel
Catalyst, by L. Kh. Freidlin, A. A. Balandin,
I. F. Zhukova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 598-601.

Consultants Bureau

Sci

Jun 60

119,459

Crystalline Mixed Organozinc Compounds, by N. I.
Sheverdina, L. V. Abremova, Corresponding Member,
by & K. A. Kocheshkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 602-.

Consultants Bureau

119,460

Sci

Jun 60

The Surface Charges of Semiconducting Oxides in
the Adsorption of Gases and Vapors, by E. Kh.
Eniksyev, L. Ya. Margolis and S. Z. Roginskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3.
1959, pp 606-608.

Consultative Bureau

Sci

Feb 60

108,150

RUSSIAN to FRENCH
OTS TT-62-28601

Investigation of Electrode Reactions on a
Silicon Cathode, by Ye. A. Yefimov, I. G.
Yerusalimchik, 7 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1959, Vol CXXIV,
No 3, pp 609-612.

Concentration Bureau
SLA 59-14684

Sci
Feb 60
Vol 2, No 9

107,016

Resistance of Some Deformed Materials to Corrosion
Cracking, Yu. S. Zayev and A. Z. Porehchevskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 613-616.

Consultants Bureau

Sci

Feb 60

108,161

The Chemical Modification of Adsorbent Surfaces and
its Effect on the Adsorptional Characteristics, by
N. V. Kiselev, N. V. Kovaleva, A. Ya. Korolev and
K. D. Sheberbakova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 617-620.

Consultants Bureau

Sci

Feb 60

108,163

A. Polarization Mechanism of the Suppression of
Structural Etching During Electrochemical Polishing,
by, S. I. Krichmar, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 621-624.

Consultants Bureau

MOF K-194

Sci

Feb 60

108,162

OTS 62-11306

The Isotopic Exchange Between CO and CO₂ on Various Surfaces, by S. S. Stroeve, N. V. Kul'kova and M. I. Tenkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol CXXIV, No 3, 1959, pp 628-631.

Consultants Bureau

Sci

Feb 60

108,164

Effect of Different Factors on the Specific Surface
Area and Porosity of Chromium Catalysts, by T. V.
Rode, A. E. Agronomov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 625-627.

ATS RJ-2029

Consultants Bureau

Sci - Chem
Dec 59

103,975

The Mechanism of the Low Temperature Polymerization
of Monomers Under the Action of Gamma Radiation, by
A. P. Shuyker, M. K. Yakovleva, E. V. Kristal'nyy
and A. K. Makarova, 4 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol XXXIV, No 3,
1959, pp 632-634.

Consultants Bureau

DTIC-81-2153

Sci

Feb 60

108, 165

The Effect Changes Undergone by Chronic Spinalis When
Heated, by V. V. Jemeljanov, R. A. Pechenkin, G. M.

RUSSIAN, Ann. Bor. St. Med. SSSR, Vol. CXXXV, No. 3,
1959, pp. 180-181.

Consultants Bureau

118, 957

Sci

Jun 60

The Preparation of Volcanic From Blastomorphs, by
N. A. Golubov, V. I. Zagladovskiy, 4 pp.

RUSSIAN, per, Isk. Ak. Nauk SSSR, Vol. OXIV, no 3,
1959, pp 635-637.

Consultants Bureau:

118,956

Sci

Jan 60

New Data on the Age of the Desskii Formation, by
S. G. Buliy, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 646-648.

AGI

Sci

Jun 61

153,356

The Reaction Between Spodumene and Alkali Metal
Sulfates, by V. E. Plyushchev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 642-.

Consultants Bureau

118,958

Sci

Jun 60

The Kinel'ski Deposits in the Nugush Valley (Right
Hand Tributary of the Belaya River), by I. P.
Varlanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 649-651.

AGI

Sci

Jun 61

153,357

Facies Composition of the Coal-Bearing Strata of
the Aldan-Olenka Watershed, by V. I. Konivets,
4 pp.

RUSSIAN, per Dok Ak. Nauk SSSR, Vol CXXIV, No 3,
1959, pp 652-655.

AGI

Sci

Jun 61

153, 358

New Data on the Faunas of the Buchak and Kiev
Formations of South Ukraine, by I. A. Korobkov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 656-657.

AGI

Sci

May 61

Ages of Granitoid Rocks in the Northern Zone of
Tien Shan, by A. Ya. Krylov, Yu. I. Silin,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 658-660.

AGI

Sci

153.359

Phosphatic Facies in the Paleozoic Rocks of Kyzyl
Kum, by M. P. Baskakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 661-662.

AGI

Sci

May 61

New Data on the Igneous Rocks of the Eastern
Part of the Donets Basin, by S. E. Verboloz,
3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 663-665.

AGI

Sci

Jun 61

153,383

Characteristic Features of Metamorphism of
Different Types of Humic Coal, by L. E.
Shiterenberg, K. T. Masankinas, V. I.
Kasatochkin, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 666-669.

AGI

Sci

Jun 61

153,384

On the Phylogenetic Relationships of the
Sarmatian Mactrids of Mangyshlak and Ustyurt,
by N. P. Sidorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXKIV, No 3,
1959, pp 671-673.

AGI

Sci

Jun 61

153,378

Action of Anti-Cancer Substances Upon the Bio-
chemical Mutants of Micro-Organisms With Impaired
Oxidation, by G. F. Gause, G. V. Kochetkova,
G. V. Vladimirova, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 3, 1959, pp 674-677. 9038748

MIN 5-1

Sci - Med

May 59

[Handwritten signature]

The Effects of Postirradiation Temperature on the
Response of *Paramecium* to Ionizing Radiation, by
I. B. Litvinova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
pp 678-680.

Amur Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97, 210

The Nuclear Damage Caused to Resting Cells by
Ionizing Radiation, by I. M. Shapiro, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
pp 681-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,211

Change in the Rate of Proteolysis of Serum
Albumin by Trypsin Due to Complex Formation
of Enzyme or Substrate With Estradiol, by
G. A. Deborin, M. I. Bystrova, V. P. Ivanova,
3 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIV, No 3,
1959, pp 685-687.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

96,046

Determination of the Weight of Separate Concentrate
Drops by Interference Microscopy, by T. N. Evreinova
A. P. Kuznetsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1979, pp 688-690.

Amer Inst of Biol Sci

Sci - Biol

Sep 79

96,048

The Photochemical Reduction of Bilirubin and
Photophosphyrin in Connection With the Study
on Photochemical Reduction of Chlorophyll, by
V. B. Evstignayev, V. A. Gavrilova, I. G.
Savkina, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 691-694.

Amer Inst of Biol Sci
SLA 59-17416

Sci - Biol

Sep 59

96,047

Dynamics of β -Indole Acetic Acid in Maize Seeds
During Ripening and Germination, by Polevoy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1979, pp 695-.

Amer Inst of Biol Sci

Sci - Biol

Sep 79

96,049

Cambium Activity in Leaves of Several Woody
Dicotyledonous Plants, by A. Ya. Sitronberg,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 3, 1959, pp 699-.

AIRS

Sci - Biol

Oct 59

99, 312

Certain Morphological-Physiological Characteristics
of Plant Embryogenesis, by F. L. Kalinin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 3,
1959, pp 703-706.

AIBS

Sci - Biol

Oct 59

99,323

The Effect of Light on the Electroconductivity of
Potato Leaves, by A. A. Kachan, M. A. Sherstoboyeva
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 707-710.

AIBS

Sci - Biol.

Oct 59

99,325

Dynamics of Polyphenols in the Process of Wound
Healing in Potato, by S. I. Pashkar', 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 715-.

AIB3

Sci - Biol

Oct 59

99,326

Concerning the Relationship Between Photosynthesis
and Photoperiodism in Plants, by G. A. Odumanova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 711-714.

AIB3

Sci - Biol

Oct 59

99,324

The Effect of Unilateral Cervical Sympathectomy on
Cerebellar Electrical Activity in the Pigeon, by
N. P. Veselkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 723-725.

AIBS

Sci - Bio
Oct 59

100,158

Transmission of Excitation From Nerve to Muscle,
by A. M. Aleksanyan, G. A. Nasledov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 719-722.

AIBS

Sci - Bio
Oct 59

100,156

A Study of Spontaneous Verbal Reactions in Children
of Preschool Age, by A. N. Tsimmerman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 726-

AIBS

Sci - Bio
Oct 59

109159

Polarographic Study of the Tautomerism of
Certain Semi- and Thiosemicarbazones in
Solution, by Yu. P. Kitayev, G. K. Budnikov,
et al., 6 pp. FOR OFFICIAL USE ONLY 57
RUSSIAN, per, Dok Ak Nauk SSSR, No 4, 1969.

9698134

RSTC 381-765-315

I-7327

ID 2204022165

Sci - Phys

Oct 65

288,656

On the Entropy per Unit Time as a Metric Invariant
of Automorphisms, by A. N. Kolmogorov.

^{SSR}
RUSSIAN, per, Dok Ak Nauk, Vol CXCIV, No 4, Feb
1959, pp 754-755.

Internati Physical Index
Automation Express
Vol I, No 10

Sci

Aug 59

93, 865

On the Concept of the Entropy of a Dynamic System, by
Ya. Sinai.

SSX

RUSSIAN, per, Dok Ak Nauk, Vol CXXIV, No 4, Feb
1959, pp 768-771.

Internatl Physical Index
Automation Express
Vol 1, No 10

Sci

Aug 59

93,866

An Ejection in the H_q Emission, by S. O.
Obashev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 4, pp 735-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

Anisotropy of the Broadening of X-ray Diffraction
Maxima of Solid Copper Solutions after Deformation,
by L. N. Guseva, A. A. Babareko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959
pp 789-791.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,093

Radiation of a Modulated Beam of Charged Particles
in Passing Through a Round Opening in a Flat Screen,
by Yu. N. Daestrovskiy, & D. P. Kostomarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959
pp 792-795.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,094

Photoelectric Sensitivity of Chlorophyll ~~and~~ and
Its Analogs in Various States, by B. Putseiko,
4 pp.

RUSSIAN, per, Dok Ak N Nauk SSSR, Vol CXXIV, No 4, 1951
pp 796-799.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,095

On Bond Forces in Crystals of Elements of Groups
V and VI in Mendeleev's Periodic System, by A. V.
Stepanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1957
pp 800--.

Amer Inst of Phys
Sov Phys -- Doklady
Vol IV, No 1

Sci - Phys

97,096

^{e/}
Photoelectric Measurements of the Indicatrices of
Scattering in the Ground Atmospheric Layer, by
P. N. Boiko, G. Sh. Livshits, T. P. Toropova.
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 803-805. 9676934

Navy 2330/HRL 744

Sci - Astronomy
Oct 59

99,624

The K Edge of the Absorption Spectrum of Iron
in α and σ Phases of the Fe-Cr System, by
V. A. Kazantsev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 4, pp 806-807.

Amer Inst of Phys
Sov Phys - Doklady
Vol. IV, No 1

Sci - Phys

2
Mechanism of Condensation of Metals in Vacuum, by
L. S. Palstnik, Yu. F. Kozmik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959
pp 808-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,108

On Eliminating the Effect of Lag on the Dynamics of
Nonlinear Sampled-Data Feedback Systems, by Ia. Z.
Tsypkin, 3 pp.

RUSSIAN, per, Doklady Akad. Nauk, Vol CXXIV, No 4,
Feb 1959, pp 812-14.

Automation Express
Vol I, No 8
Internat'l Physical Index

Sci
Jun 59

AVAILABLE BR 5

LIBRARY 91,048

Complete Formation of H_2O_2 and $\text{H}_2\text{O}_2^{\cdot}$ With Various
B in Aqueous Solutions, by A. D. Gol'man, M. G.
Moroz'yeva, 4 pp.

RUSSIAN, per. Dokl. Ak. Nauk SSSR, Vol. CXXXV,
No 4, 1959, pp 815-818.

Consultants Bureau

Sci

Jun 60

119,761

The Addition of Full Reports of Paragraphs
Add to p-Paragraphs, by V. A. Koldovskiy,
K. M. Gorkinova, 4 pp.

RUSSEAN, per. Dokl. Ak. Nauk SSSR, Vol. CXXXV,
No 4, 1959, pp 819-821.

Consultants Bureau

Sci.

Jan 60

The Structure of Erysimoside - a Steroid Diglycoside
From Plants of the Species Erysimum, by V. A.
Maslennikova, F. S. Khristulas, N. K. Abubekirov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 822-825.

Consultants Bureau

Sci

Jun 60

119,463

Synthesis of 2, 4, 4-trimethyl-3-tert-butylpentene-
(the β -Form of Butlerov's Trisobutylene), by A. P.
Mushchenyakov, E. I. Erayutova, 4 pp.

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Vol. CCXIV, No 4,
1959, pp 826-829.

Consultants Bureau

Sci

Jun 60

118, 464

Difluoromethylsulfonic Acid (Synthesis and Properties)
by B. S. Kikelayev, A. A. Opalovskiy, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. CXIV,
No 4, 1959, 930-933.

Consultants Bureau

Sci

Jun 60

119,465

Synthesis of Organomercury Nitro Compounds,
by S. S. Mavlov, T. I. Godovikova, V. A.
Tartakovskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIV,
No 4, 1959, pp 834-837.

Consultants Bureau

Sci

Jun 60

119,466

Fluorosilicorganic Compounds. A Study of the
Addition of Alkylchlorosilicon Hydrides to 1,1,2,2-
Tetrafluoroethyl Allyl Ether, A. D. Petrov, V. A.
Pencmenenko, G. V. Odabashyan, S. I. Krokhealev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959,
pp 838-841.

Consultants Bureau

Sci

Jun 60

119,467

Change in the Chemical Composition and Activity of
Copper Catalysts in the Process of Oxidizing Propylene
to Acrolein, by N. I. Popova, B. E. Varnel.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 042-045.

ATS RJ-1915

CB

Sci - Chem
Dec 59

104,091

Investigation of Weighable Amounts of Technetium, by
V. I. Spitsyn, A. P. Kuzina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959,
pp 846-848.

Consultants Bureau

Sci

Jun 60

119,468

The Connection Between the Acid Nature of Tricalcium
Phosphate and Its Catalytic Activity in Hydrolysis
Reactions, by L. Kh. Freidlin, V. Z. Sharf,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 4, 1959, p 849..

Consultants Bureau

Sci

Jun 60

119,469

The Formation and Properties of Metal Soaps in
Dilute Aqueous Solutions, by N. A. Aleynikov and

A. M. Makarova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp *832-834*

Consultants Bureau

Sci

Feb 60

108,166

The Anodic Passivation of Silver in Alkaline Solution
by G. L. Vidovich, D. I. Leikin, and B. N. Kabanov,
4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 855-857.

Consultants Bureau

Sci

Feb 60

108,167

Chemical Synthesis of the Catalyst
Used in the Oxidation of Propylene to Acrolein, by
O. V. Isayev and M. Ya. Kuchnerov, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1959, pp 850-850.

^{NTS}
Consultative Bureau

Sci

Jan

Feb 60

108,168

The Gas-Crystalline State of Matter in Polymers, by A.
I. Kitaygorodskiy, 4 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXXIV,, No 4,
1959, pp 861-864.

^{NTS}
Consultative Bureau

Sci

Feb 60

108, 169

The Ultraviolet and Visible Absorption Spectra of
Aromatic Anilines Adsorbed on Specific Centers of
Aluminosilicate Catalysts, by E. I. Kotov and
A. N. Terenin, 4 pp.

RUSSIAN, for, Dokl Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 865-868.

^{RTS}
Consulting Bureau
AT-00-56R

Sci

Feb 60

RT 2161 108,170

Theory of the Nonequilibrium Electrical Double
Layer, by V. G. Levich, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol. CXXIV, No 4,
1959, pp 869-872.

Consultants Bureau

Sci

Feb 60

108,171

Infrared Absorption Spectra of Ethyllithium
Dissolved in Benzene, Hexane and Diethyl Ether,
by V. N. Nikitin, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 873-875.

ATS RJ-1998

Consultants Bureau

/Sci - Chem

Jan 60

105,689

Causes for the Decreased Stability of the
Crystalline Structure of Monocalcium Aluminate
Formed at Elevated Temperatures, by E. E. Segalova,
Z. D. Tulovskaya, E. A. Amalina, and P. A. Rebindey,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 876-879.

Consultants Bureau

Sci

Feb 60

108,172